

Linked Mortality Special Request File Variables

For the restricted-use linked mortality files, NCHS has made additional death certificate data and the complete probabilistic NDI match results available by special request. All interested researchers must provide additional justification in their RDC proposal to access special request variables.

Death Certificate Data

The additional death certificate data are listed in [Table 1](#), which shows the availability of variables by death year. Researchers should refer to [Multiple Cause of Death documentation](#) to determine whether, for a given death year, there is complete reporting of the death certificate information by all states.

NDI Match Result Data

The complete probabilistic NDI match results includes NDI record match results for all survey participants that returned a potential NDI match record, regardless of whether or not the records were considered correct matches by the probabilistic matching algorithm. These variables allow researchers to access both additional NDI match results not available on the standard restricted-use linked mortality files and NDI match results for survey participants whose final vital status was determined to be alive. The availability of these additional variables provides the user with the opportunity to alter the criteria for determining final match status. For example with the special request variables of SCORE and CLASS, the researcher can take either a more or less conservative approach to vital status ascertainment by setting a different cut-off score within each class and/or determining which classes contain true matches. For more information on the implications of using alternate cut-off scores on vital status ascertainment, please see Appendix B in the mortality matching methodology reports. The additional NDI match result variables are listed in [Table 1](#).

Researchers interested in accessing the special request variables or the NDI match result data should contact the [NCHS Data Linkage Team](#) to help determine the feasibility of their analysis.

TABLE 1

VARIABLE DESCRIPTION	VARIABLE NAME	Variable Availability By Death Year											
		1979	1980-81	1982-84	1985-88	1989	1990-92	1993	1994	1995-98	1999	2000-02	2003-06
DEATH CERTIFICATE VARIABLES													
General													
Record Type	dvs_record_type	X	X	X	X	X	X	X	X	X	X	X	X
Reporting Area	dvs_report_area	X	X	X	X	X	X	X	X	X	X	X	X
Resident Status	dvs_resident_status	X	X	X	X	X	X	X	X	X	X	X	X
Day of Week of Death	dvs_death_week_day	-	-	-	-	X	X	X	X	X	X	X	X
Place of Death-Hospital and Status/Decedent Status	dvs_death_place	X	X	X	X	X	X	X	X	X	X	X	X
Manner of death	dvs_death_manner	-	-	-	-	-	-	-	-	-	X	X	X
Activity Code	dvs_death_activity	-	-	-	-	-	-	-	-	-	X	X	X
Occurrence													
Expanded State (includes NYC)	dvs_death_state	X	X	X	X	X	X	X	X	X	X	X	X
State or Territory (FIPS)	dvs_death_fips_state	-	-	X	X	X	X	X	X	X	X	X	X
County	dvs_death_county	X	X	X	X	X	X	X	X	X	X	X	-
County (FIPS)	dvs_death_fips_county	-	-	X	X	X	X	X	X	X	X	X	X
County Population size	dvs_death_county_population	-	-	-	-	X	X	X	X	X	X	X	X
Region and Division	dvs_death_reg_div_state	X	X	X	X	X	X	X	X	X	X	X	-
Residence													
Expanded State (includes NYC)	dvs_res_state	X	X	X	X	X	X	X	X	X	X	X	X
State (FIPS)	dvs_res_fips_state	-	-	X	X	X	X	X	X	X	X	X	X
State/Country Recode	dvs_res_state_country_rec	-	-	-	-	-	-	-	-	-	-	-	X
Country of Residence	dvs_res_fips_country	-	-	-	-	-	-	-	-	-	-	-	X
County	dvs_res_county	X	X	X	X	X	X	X	X	X	X	X	-
County (FIPS)	dvs_res_fips_county	-	-	X	X	X	X	X	X	X	X	X	X
County Population Size	dvs_res_county_population	-	-	-	-	X	X	X	X	X	X	X	X
City	dvs_res_city	X	X	X	X	X	X	X	X	X	X	X	-
City (FIPS)	dvs_res_fips_city	-	-	-	-	-	-	-	X	X	X	X	X
City Population Size	dvs_res_population	X	X	X	X	X	X	X	X	X	X	X	X
Metropolitan/Nonmetropolitan County	dvs_res_county_metro_flag	X	X	X	X	X	X	X	X	X	X	X	X
Region, Division, and State Subcode	dvs_res_reg_div_state	X	X	X	X	X	X	X	X	X	X	X	-
PMSA/MSA	dvs_nchs_smsa	X	X	X	X	X	X	X	X	X	X	X	-
PMSA/MSA Population Size	dvs_res_msa_population	-	-	-	-	X	X	X	X	X	X	X	X
PMSA/MSA (FIPS)	dvs_res_fips_msa	-	X	X	X	X	X	X	X	X	X	X	X
CMSA (FIPS)	dvs_res_fips_cmsa	-	-	-	-	-	X	X	X	X	X	X	X

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The Decedent													
Sex	dvs_sex	X	X	X	X	X	X	X	X	X	X	X	X
Race (Detail)	dvs_race	X	X	X	X	X	X	X	X	X	X	X	X
Recode 1	dvs_race_recode_1	X	X	X	X	X	X	X	X	X	X	X	X
Recode 2	dvs_race_recode_2	X	X	X	X	X	X	X	X	X	X	X	X
Multiple Race Fields	dvs_race_multiple	-	-	-	-	-	-	-	-	-	-	-	X
Bridged Race	dvs_bridged_race_flag	-	-	-	-	-	-	-	-	-	-	-	X
Race Imputation Flag	dvs_race_impute_flag	-	-	-	-	-	-	-	-	-	-	-	X
Age at Death													
Detailed Age at Death Unit	dvs_death_age_unit	X	X	X	X	X	X	X	X	X	X	X	X
Detailed Age at Death	dvs_death_age	X	X	X	X	X	X	X	X	X	X	X	X
Age Recode 1	dvs_death_age_class_1	X	X	X	X	X	X	X	X	X	X	X	X
Age Recode 2	dvs_death_age_class_2	X	X	X	X	X	X	X	X	X	X	X	X
Age Recode 3	dvs_death_age_class_3	X	X	X	X	X	X	X	X	X	X	X	X
Age Infant Recode	dvs_death_age_infant	X	X	X	X	X	X	X	X	X	X	X	X
Month of Birth	dvs_birth_month	-	-	-	-	X	X	X	X	X	X	X	X
Day of Birth	dvs_birth_day	-	-	-	-	X	X	X	X	X	X	X	X
Year of Birth	dvs_birth_year	-	-	-	-	X	X	X	X	X	X	X	X
Marital Status	dvs_marital_stat	X	X	X	X	X	X	X	X	X	X	X	X
State of Birth	dvs_birth_state	X	X	X	X	X	X	X	X	X	X	X	X
Country of Birth	dvs_birth_country	-	-	-	-	-	-	-	-	-	-	-	X
State/Country of Birth recode	dvs_birth_country_rec	-	-	-	-	-	-	-	-	-	-	-	X
Hispanic Origin													
Origin or Descent/Hispanic Origin	dvs_origin_descent	X	X	X	X	X	X	X	X	X	X	X	X
Hispanic Origin/Race Recode	dvs_origin_recode	-	-	-	-	X	X	X	X	X	X	X	X
Hispanic Origin Literal	dvs_origin_literal	-	-	-	-	-	-	-	-	-	-	-	X
Hispanic Origin Literal Code	dvs_origin_literal_code	-	-	-	-	-	-	-	-	-	-	-	X
Hispanic Origin Checkbox Items	dvs_origin_check_box	-	-	-	-	-	-	-	-	-	-	-	X
Kind of Business or Industry	dvs_industry	-	-	-	X	X	X	X	X	X	X	-	-
Usual Occupation	dvs_occupation	-	-	-	X	X	X	X	X	X	X	-	-
Education													
Education	dvs_education	-	-	-	-	X	X	X	X	X	X	X	X
Education Recode	dvs_education_rec	-	-	-	-	X	X	X	X	X	X	X	X
Education Reporting Flag	dvs_education_rpt_flag	-	-	-	-	-	-	-	-	-	-	-	X

TABLE 1

		Variable Availability By Death Year											
<u>VARIABLE DESCRIPTION</u>	<u>VARIABLE NAME</u>	1979	1980-81	1982-84	1985-88	1989	1990-92	1993	1994	1995-98	1999	2000-02	2003-06
Underlying Cause													
61 Cause Recode (ICD-9)	dvs_ucod_61_infant	X	X	X	X	X	X	X	X	X	-	-	-
130 Cause Recode (ICD-10)	dvs_ucod_130_infant	-	-	-	-	-	-	-	-	-	X	X	X
Other Medical Items													
Autopsy Performed	dvs_autopsy_flag	X	X	X	X	X	X	X	X	-	-	-	X
Injury at Work	dvs_work_injury	-	-	-	-	-	-	X	X	X	X	X	X
Place of Accident/Injury for Specified Causes	dvs_injury_place	X	X	X	X	X	X	X	X	X	X	X	X
Method of Disposition	dvs_manner_disposition	-	-	-	-	-	-	-	-	-	-	-	X
Certifier	dvs_certifier	-	-	-	-	-	-	-	-	-	-	-	X
Certifier Literal	dvs_certifier_literal	-	-	-	-	-	-	-	-	-	-	-	X
Pregnancy Status	dvs_pregnancy_status	-	-	-	-	-	-	-	-	-	-	-	X
Tobacco Use Contributed to Death	dvs_tobacco_literal	-	-	-	-	-	-	-	-	-	-	-	X
NDI VARIABLES													
NDI Match Results													
NDI Record Returned	ndi_record	X	X	X	X	X	X	X	X	X	X	X	X
NDI First Name Match Result	ndi_first	X	X	X	X	X	X	X	X	X	X	X	X
NDI Middle Name Match Result	ndi_mid	X	X	X	X	X	X	X	X	X	X	X	X
NDI Last Name Match Result	ndi_last	X	X	X	X	X	X	X	X	X	X	X	X
NDI Father Surname Match Result	ndi_fsrm	X	X	X	X	X	X	X	X	X	X	X	X
NDI Last Name (User Record) Father Surname (NDI Record) Match Result	ndi_lfnsm	X	X	X	X	X	X	X	X	X	X	X	X
NDI Sex Match Result	ndi_sex	X	X	X	X	X	X	X	X	X	X	X	X
NDI SSN Match Result	ndi_ssn	X	X	X	X	X	X	X	X	X	X	X	X
NDI Month of Birth Match Result	ndi_birmm	X	X	X	X	X	X	X	X	X	X	X	X
NDI Day of Birth Match Result	ndi_birdd	X	X	X	X	X	X	X	X	X	X	X	X
NDI Year of Birth Match Result	ndi_biryy	X	X	X	X	X	X	X	X	X	X	X	X
NDI Resident State Result	ndi_state	X	X	X	X	X	X	X	X	X	X	X	X
NDI State of Birth Result	ndi_birst	X	X	X	X	X	X	X	X	X	X	X	X
NDI Race Match Result	ndi_race	X	X	X	X	X	X	X	X	X	X	X	X
NDI Marital Status Match Result	ndi_marst	X	X	X	X	X	X	X	X	X	X	X	X
NDI Age of Death Match Result	ndi_dtage	X	X	X	X	X	X	X	X	X	X	X	X

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Additional NDI Variables													
NDI Death Month	ndi_death_month	X	X	X	X	X	X	X	X	X	X	X	X
NDI Death Day	ndi_death_day	X	X	X	X	X	X	X	X	X	X	X	X
NDI Death Year	ndi_death_year	X	X	X	X	X	X	X	X	X	X	X	X
NDI Death State	ndi_death_st_alpha	X	X	X	X	X	X	X	X	X	X	X	X
NDI New York City Indicator	ndi_nycind	X	X	X	X	X	X	X	X	X	X	X	X
NDI Status	status	X	X	X	X	X	X	X	X	X	X	X	X
NDI Class	class	X	X	X	X	X	X	X	X	X	X	X	X
NDI Score	score	X	X	X	X	X	X	X	X	X	X	X	X